

08781696

=> S FILE#

L1 756906 FILE#

=> S L1 (P) CHARACTERIST?

820918 CHARACTERIST?

L2 12409 L1 (P) CHARACTERIST?

=> S L2 (P) INTERNAL

580295 INTERNAL

L3 399 L2 (P) INTERNAL

=> S L3 (P) EXTENSION#

318942 EXTENSION#

L4 15 L3 (P) EXTENSION#

=> D 1-15

1. 5,537,417, Jul. 16, 1996, Kernel socket structure for concurrent multiple protocol access; Mohan B. Sharma, et al., 709/228, 230, 250 [IMAGE AVAILABLE]
2. 5,342,381, Aug. 30, 1994, Combination bipolar scissors and forceps instrument; Kevin K. Tidemand, 606/174, 52, 205 [IMAGE AVAILABLE]
3. 5,333,266, Jul. 26, 1994, Method and apparatus for message handling in computer systems; Wade Boaz, et al., 709/206; 379/88.13, 93.15, 93.24, 100.08, 908; 709/248 [IMAGE AVAILABLE]
4. 5,062,039, Oct. 29, 1991, Sharing of workspaces in interactive processing using workspace name tables for linking of workspaces; James A. Brown, et al., 395/710; 364/228.1, 230, 230.3, 245.5, 246, 246.3, 254.6, 255.7, 256.3, 256.4, 955, 955.5, 963, 963.3, 966.4; 709/303 [IMAGE AVAILABLE]
5. 4,632,398, Dec. 30, 1986, Reset system for microcomputer using program cartridges; Joseph W. Freeman, et al., 273/148B [IMAGE AVAILABLE]
6. 4,404,706, Sep. 20, 1983, Portable air blower sweeper apparatus;

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Ronald C. Loyd, 15/344, 405, 410; 173/213; 415/121.3, 122.1, 201; 417/234
[IMAGE AVAILABLE]

7. 4,351,024, Sep. 21, 1982, Switch system base mechanism; John J. Bradley, et al., 709/300; 345/511, 526; 364/222.2, 222.81, 228.3, 228.5, 231.4, 231.6, 232.3, 232.7, 232.8, 232.9, 236.2, 236.3, 236.4, 238.3, 241.2, 241.3, 243, 243.1, 243.4, 244, 244.3, 244.6, 245, 245.1, 245.2, 245.4, 246, 246.4, 246.6, 246.7, 246.92, 247, 247.2, 247.4, 247.5, 247.8, 248.1, 248.2, 249.7, 253, 256.3, 260, 260.2, 260.4, 260.7, 262.4, 262.9, 263.2, 263.3, 271, 271.3, 280, 281.3, DIG.1 [IMAGE AVAILABLE]

8. 4,130,867, Dec. 19, 1978, Database instruction apparatus for determining a database record type; Charles W. Bachman, et al., 707/1; 364/222.81, 228.4, 232.3, 232.7, 232.8, 241.2, 241.3, 243, 244.3, 244.6, 245, 246, 246.3, 252, 259, 259.2, 259.6, DIG.1 [IMAGE AVAILABLE]

9. 4,084,228, Apr. 11, 1978, Process management structures and hardware/firmware control; Patrick Dufond, et al., 709/103; 364/228, 228.4, 228.5, 232.1, 232.3, 236.2, 236.3, 236.4, 238.3, 241.2, 241.5, 243, 243.4, 245, 245.3, 245.5, 245.7, 245.9, 246, 246.1, 246.2, 246.3, 246.4, 246.5, 249, 251, 251.3, 251.5, 252.3, 252.5, 254, 254.4, 254.5, 254.6, 255.1, 255.7, 260.4, 260.7, 262.4, 262.6, 265, 265.3, 266.5, 267, 267.2, 271, 271.3, DIG.1; 709/107; 711/203 [IMAGE AVAILABLE]

10. 4,084,224, Apr. 11, 1978, System of controlling procedure execution using process control blocks; Marc Appell, et al., 709/100; 364/228, 228.4, 228.5, 232.1, 232.3, 236.2, 236.3, 236.4, 238.3, 241.2, 241.5, 243, 243.4, 245, 245.3, 245.5, 245.7, 245.9, 246, 246.1, 246.2, 246.3, 246.4, 246.5, 249, 251, 251.3, 251.5, 252.3, 252.5, 254, 254.4, 254.5, 254.6, 255.1, 255.7, 260.4, 260.7, 262.4, 262.6, 265, 265.3, 266.5, 267, 267.2, 271, 271.3, DIG.1; 709/107; 711/153, 163 [IMAGE AVAILABLE]

11. 4,042,912, Aug. 16, 1977, Database set condition test instruction ; Charles W. Bachman, et al., 707/1; 364/228.4, 232.3, 232.7, 238.3, 238.4, 238.5, 239, 239.6, 241.2, 241.3, 243, 243.2, 243.4, 244, 244.3, 246, 246.2, 249, 249.1, 254.8, 254.9, 255.1, 255.2, 255.5, 255.7, 256.3,

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256.4, 258, 258.4, 259, 259.3, 262.4, 262.7, 265, 265.3, 271, 271.3,
DIG.1; 712/227 [IMAGE AVAILABLE]

12. 4,025,901, May 24, 1977, Database instruction find owner; Charles W.

Bachman, et al., 707/3; 364/228.5, 230, 230.1, 230.2, 230.3, 230.4,
231.4, 231.6, 232.3, 232.7, 232.8, 238.3, 238.4, 239, 239.4, 241.2,
241.4, 241.5, 242.2, 243, 243.4, 244, 244.3, 244.6, 245, 245.1, 245.3,
245.5, 245.8, 245.9, 246, 246.3, 246.4, 246.6, 246.9, 249, 249.2, 251,
251.5, 252.3, 254, 254.2, 254.5, 254.6, 255, 255.1, 255.2, 255.5, 255.
7,
256.3, 256.4, 259, 259.4, 259.7, 260.4, 260.7, 261.3, 261.5, 262.4,
262.5, 262.8, 263.2, 263.3, 264, 264.4, 264.6, 265, 267, 267.2, 270.5,
270.8, DIG.1 [IMAGE AVAILABLE]

13. 4,024,508, May 17, 1977, Database instruction find serial; Charles

W. Bachman, et al., 707/1; 364/228.5, 230, 230.1, 230.2, 230.3, 230.4,
231.4, 231.6, 232.3, 232.7, 232.8, 238.3, 238.4, 239, 239.4, 241.2,
241.4, 241.5, 242.2, 243, 243.4, 244, 244.3, 244.6, 245, 245.1, 245.3,
245.5, 245.8, 245.9, 246, 246.3, 246.4, 246.6, 246.9, 249, 249.2, 251,
251.5, 252.3, 254, 254.2, 254.3, 254.5, 254.6, 255, 255.1, 255.2, 255.
5,
255.7, 256.3, 256.4, 259, 259.2, 259.4, 259.7, 260.4, 260.7, 261.3,
261.5, 262.4, 262.5, 262.8, 263.2, 263.3, 264, 264.4, 264.6, 265, 267,
267.2, 270.5, 270.8, DIG.1 [IMAGE AVAILABLE]

14. 3,891,974, Jun. 24, 1975, Data processing system having emulation capability for providing wait state simulation function; Brent W.

Coulter, et al., 395/500.44; 364/221, 221.2, 221.9, 231.4, 231.6, 232.
3,
238.3, 243, 243.3, 243.4, 244, 244.3, 246, 246.1, 246.2, 246.3, 251,
251.5, 254, 254.5, 255.1, 255.2, 255.7, 256.3, 256.4, 262.4, 262.5,
263.2, 271, 271.2, 271.3, 271.5, DIG.1; 395/500.34 [IMAGE AVAILABLE]

15. 3,856,390, Dec. 24, 1974, PULL-STRIP MECHANISM FOR MULTIPURPOSE FILM

CASSETTES; Joseph A. Stella, 352/130; 396/599 [IMAGE AVAILABLE]

=> S L4 AND 707/500/CCLST

145 707/500/CCLST
L5 0 L4 AND 707/500/CCLST

=> IMAGE# OR PICTURE# OR GRAPHIC#

'IMAGE#' IS NOT A RECOGNIZED COMMAND

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=> S IMAGE# OR PICTURE# OR GRAPHIC#

312464 IMAGE#
95573 PICTURE#
62216 GRAPHIC#

L6 381555 IMAGE# OR PICTURE# OR GRAPHIC#

=> S L6 (P) (HEIGHT OR LENGTH OR WIDTH OR COLOR)

368471 HEIGHT
1035170 LENGTH
567079 WIDTH
249812 COLOR

L7 125752 L6 (P) (HEIGHT OR LENGTH OR WIDTH OR COLOR)

=> S L7 (P) (CHARACTERIST? OR ATTRIBUTE#)

820918 CHARACTERIST?
79827 ATTRIBUTE#

L8 15891 L7 (P) (CHARACTERIST? OR ATTRIBUTE#)

=> S L8 AND 707/500, 526/CCLST

145 707/500/CCLST
0 707/ 526/CCLST
145 707/500, 526/CCLST
((707/500 OR 707/ 526)/CCLST)

L9 7 L8 AND 707/500, 526/CCLST

=> D 1-7

1. 5,943,680, Aug. 24, 1999, Output apparatus in which a plurality of images having a plurality of accuracy of colors are output to output devices having different accuracy of colors; Haruo Shimizu, et al., 707/528, **500** [IMAGE AVAILABLE]

2. 5,737,599, Apr. 7, 1998, Method and apparatus for downloading multi-page electronic documents with hint information; Edward R. Rowe, et al., 707/104, 10, 200, **500**, 501, 513, 526, 900 [IMAGE AVAILABLE]

3. 5,689,585, Nov. 18, 1997, Method for aligning a text image to a transcription of the image; Dan S. Bloomberg, et al., 382/229; **707/500** [IMAGE AVAILABLE]

4. 5,671,429, Sep. 23, 1997, Document processing system providing facilitated modification of document images; Tsuyoshi Tanaka, 707/530;

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399/81, 183, 184, 185; 707/104, **500**, 515, 520 [IMAGE AVAILABLE]

5. 5,596,689, Jan. 21, 1997, Figure processing with magnification of designated portion of display; Masaaki Tamura, et al., 345/433, 326, 439;
707/500 [IMAGE AVAILABLE]

6. 5,485,568, Jan. 16, 1996, Structured image (S1) format for describing complex color raster images; Dennis L. Venable, et al., **707/500**; 345/348, 967 [IMAGE AVAILABLE]

7. 5,159,667, Oct. 27, 1992, Document identification by characteristics matching; Roland G. Borrey, et al., **707/500**; 382/171, 180, 305; 706/900 [IMAGE AVAILABLE]

=> S SCAN? (P) L6 (P) L7

205110 SCAN?

L10 27409 SCAN? (P) L6 (P) L7

=> S L10 AND 707/500, 526/CCLST

145 707/500/CCLST
0 707/ 526/CCLST
145 707/500, 526/CCLST
((707/500 OR 707/ 526)/CCLST)

L11 10 L10 AND 707/500, 526/CCLST

=> D 1-10

1. 5,943,680, Aug. 24, 1999, Output apparatus in which a plurality of images having a plurality of accuracy of colors are output to output devices having different accuracy of colors; Haruo Shimizu, et al., 707/528, **500** [IMAGE AVAILABLE]

2. 5,822,454, Oct. 13, 1998, System and method for automatic page registration and automatic zone detection during forms processing; Vijayakumar Rangarajan, 382/180, 176, 289; **707/500** [IMAGE AVAILABLE]

3. 5,799,325, Aug. 25, 1998, System, method, and computer program product for generating equivalent text files; Kevin G. Rivette, et al.

707/500, 531 [IMAGE AVAILABLE]

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4. 5,752,057, May 12, 1998, Method for conversion of a color electronic pre-press system data file to a page description language data file; Lior Lifshitz, et al., 707/523, **500** [IMAGE AVAILABLE]

5. 5,737,599, Apr. 7, 1998, Method and apparatus for downloading multi-page electronic documents with hint information; Edward R. Rowe, et al., 707/104, 10, 200, **500**, 501, 513, 526, 900 [IMAGE AVAILABLE]

6. 5,706,365, Jan. 6, 1998, System and method for portable document indexing using n-gram word decomposition; Vijayakumar Rangarajan, et al., 707/102, **500** [IMAGE AVAILABLE]

7. 5,590,245, Dec. 31, 1996, Method for transmitting image processing jobs from a client system, and routing and performing the jobs in an image processing system; Patrick Leamy, et al., 345/418; 358/1.15, 1.9 ; **707/500**; 709/244 [IMAGE AVAILABLE]

8. 5,530,907, Jun. 25, 1996, Modular networked image processing system and method therefor; Kent Pavey, et al., 710/69; 358/400; 364/DIG.1, DIG.2; 382/309; **707/500** [IMAGE AVAILABLE]

9. 5,490,246, Feb. 6, 1996, Image generator using a graphical flow diagram with automatic generation of output windows; Daniel C. Brotsky et al., 345/342, 349, 967; **707/500** [IMAGE AVAILABLE]

10. 5,159,667, Oct. 27, 1992, Document identification by characteristics matching; Roland G. Borrey, et al., **707/500**; 382/171, 180, 305; 706/900 [IMAGE AVAILABLE]

=> S L12 AND 382/162-167/CCLST

700 382/162-167/CCLST (6 TERMS)
(382/162+NEXT5/CCLST)

L14 78 L12 AND 382/162-167/CCLST

=> S L14 (P) DISPLAY?

WARNING - PROXIMITY OPERATOR PRECEDENCE LEVEL CONFLICTS OR IS NOT CONSISTENT WITH

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FIELD CODE - 'AND' OPERATOR ASSUMED 'L14 (P) DISPLAY?'

315482 DISPLAY?

L15 54 L14 (P) DISPLAY?

=> D 1-54

1. 5,930,389, Jul. 27, 1999, Image processing apparatus with color-space conversion; Satoshi Tanio, **382/167**; 358/523 [IMAGE AVAILABLE]
2. 5,930,386, Jul. 27, 1999, Image processing apparatus and method; Kazuhiro Saito, **382/166**; 176, 250 [IMAGE AVAILABLE]
3. 5,926,561, Jul. 20, 1999, Image processing apparatus and method for performing color converting process; Tsutomu Utagawa, **382/166**, **164** [IMAGE AVAILABLE]
4. 5,926,560, Jul. 20, 1999, Method of reading color image, color image reading apparatus and system for reading color image; Shuichi Ichinose et al., **382/162**; 358/519, 522; 382/319 [IMAGE AVAILABLE]
5. 5,917,939, Jun. 29, 1999, Image processing apparatus and image processing method; Kenichi Ohta, et al., **382/167**; 358/506, 520 [IMAGE AVAILABLE]
6. 5,909,505, Jun. 1, 1999, Color image encoding method and apparatus; Akihiro Katayama, et al., **382/164**; 358/462, 539; **382/166**, 176, 239 [IMAGE AVAILABLE]
7. 5,899,999, May 4, 1999, Iterative convolution filter particularly suited for use in an image classification and retrieval system; Jeremy S. De Bonet, 707/104; **382/167**; 254; 600/443 [IMAGE AVAILABLE]
8. 5,883,979, Mar. 16, 1999, Method for selecting JPEG quantization tables for low bandwidth applications; Giordano Beretta, et al., 382/251; 348/405; 358/433; **382/166** [IMAGE AVAILABLE]
9. 5,864,742, Jan. 26, 1999, Copy restrictive system using microdots to restrict copying of color-reversal documents; John Gasper, et al.,

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399/366; 283/93, 902; **382/165**, 181 [IMAGE AVAILABLE]

10. 5,864,634, Jan. 26, 1999, Image processing apparatus and method; Mitsuru Kurita, **382/167**; 358/523, 527, 530 [IMAGE AVAILABLE]

11. 5,852,823, Dec. 22, 1998, Image classification and retrieval system using a query-by-example paradigm; Jeremy S. De Bonet, 707/6; **382/162**, **165**, 181, 279; 707/104 [IMAGE AVAILABLE]

12. 5,850,471, Dec. 15, 1998, High-definition digital video processing system; Stephen Brett, **382/162**, 274, 276 [IMAGE AVAILABLE]

13. 5,841,899, Nov. 24, 1998, Specific color field recognition apparatus and method; Kenichi Ide, et al., 382/168, **163**, **164**, 171 [IMAGE AVAILABLE]

14. 5,835,627, Nov. 10, 1998, System and method for automatically optimizing image quality and processing time; Eric W. Higgins, et al., **382/167** [IMAGE AVAILABLE]

15. 5,768,403, Jun. 16, 1998, Image-area identifying system for a color image processing apparatus; Yuzuru Suzuki, et al., **382/165**; 348/396; 358/467, 520; **382/162**, **164** [IMAGE AVAILABLE]

16. 5,767,991, Jun. 16, 1998, Color image reading device; Tomoshi Hara, 358/518, 520; **382/167** [IMAGE AVAILABLE]

17. 5,754,682, May 19, 1998, Picture processing method and apparatus; Naoya Katoh, **382/162**; 348/227, 602; 358/504, 518; **382/167** [IMAGE AVAILABLE]

18. 5,724,440, Mar. 3, 1998, Image processing apparatus; Masahiro Funada, et al., **382/162**; 358/518; 382/173, 191 [IMAGE AVAILABLE]

19. 5,717,783, Feb. 10, 1998, Color correction apparatus and method and color image processing system including the same; Hiroyuki Endo, et al., **382/167**; 358/518, 519, 520, 523, 525 [IMAGE AVAILABLE]

20. 5,712,925, Jan. 27, 1998, Image processing system which maps colo

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image signals within a reproduction range of an output device; Manabu Ohga, **382/167**; 358/518 [IMAGE AVAILABLE]

21. 5,696,839, Dec. 9, 1997, Method and apparatus for reproducing an image employing a transformation of color solids; Helmut Siegeritz, **382/162**; 358/520; **382/167** [IMAGE AVAILABLE]

22. 5,689,590, Nov. 18, 1997, Background noise removing apparatus and method applicable to color image processing apparatus; Hisao Shirasawa et al., 382/254; 358/518; **382/162**, 274 [IMAGE AVAILABLE]

23. 5,677,967, Oct. 14, 1997, Method of and apparatus for converting between a color appearance space and a colorant space; Edward G. Pariser, **382/167** [IMAGE AVAILABLE]

24. 5,673,336, Sep. 30, 1997, Automatic cross color elimination; Albert Durr Edgar, et al., **382/167**, 191 [IMAGE AVAILABLE]

25. 5,668,646, Sep. 16, 1997, Apparatus and method for decoding differently encoded multi-level and binary image data, the latter corresponding to a color in the original image; Akihiro Katayama, et al., 358/530, 430, 462, 539; **382/166**, 176, 233, 239 [IMAGE AVAILABLE]

26. 5,666,216, Sep. 9, 1997, Image processing apparatus and method; Susumu Sugiura, 358/500, 529, 530; **382/166** [IMAGE AVAILABLE]

27. 5,663,772, Sep. 2, 1997, Gray-level image processing with weighting factors to reduce flicker; Hirotoshi Uehara, et al., 348/671; 345/147; 358/458; **382/162** [IMAGE AVAILABLE]

28. 5,633,953, May 27, 1997, Image processing apparatus having improved color-reproducibility of color image; Masahiro Kouzaki, **382/167**; 358/500, 517, 518, 523 [IMAGE AVAILABLE]

29. 5,615,282, Mar. 25, 1997, Apparatus and techniques for processing of data such as color images; Ehud Spiegel, et al., **382/167**; 358/450, 518, 523; 382/276 [IMAGE AVAILABLE]

30. 5,598,482, Jan. 28, 1997, Image rendering system and associated method for minimizing contours in a quantized digital color image;

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Thyagarajan Balasubramanian, et al., 382/199, **163**, 220 [IMAGE AVAILABLE]

31. 5,588,050, Dec. 24, 1996, Method and apparatus for performing color conversion; Shuichi Kagawa, et al., **382/167**; 358/518 [IMAGE AVAILABLE]

32. 5,550,638, Aug. 27, 1996, Feature detection with enhanced edge discrimination; Yoshinori Ikeda, et al., 358/296; 347/3; 358/518; **382/165**, 190 [IMAGE AVAILABLE]

33. 5,548,663, Aug. 20, 1996, Multi-color marker editing system; Hiroshi Sekine, et al., **382/164**; 358/453, 538; **382/167**, 175 [IMAGE AVAILABLE]

34. 5,539,523, Jul. 23, 1996, Image forming device making color corrections on stored image data; Yoshiyuki Nakai, et al., 358/296, 504, 518, 527; 382/118, **165**, 190 [IMAGE AVAILABLE]

35. 5,509,086, Apr. 16, 1996, Automatic cross color elimination; Albert D. Edgar, et al., **382/167**, 191 [IMAGE AVAILABLE]

36. 5,504,592, Apr. 2, 1996, Color expressing method, color image reading apparatus and color image processing apparatus; Akihiro Usami, et al., 358/518, 519; **382/167** [IMAGE AVAILABLE]

37. 5,493,415, Feb. 20, 1996, Imgae processing system; Yoshinobu Mita et al., 358/444, 468; **382/162** [IMAGE AVAILABLE]

38. 5,446,800, Aug. 29, 1995, Method and apparatus for **displaying** angiographic data in a topographic format; Sandra A. Briggs, et al., 382/128, **162**; 600/454, 458 [IMAGE AVAILABLE]

39. 5,353,132, Oct. 4, 1994, Image processing device; Makoto Katsuma, 358/539, 261.1, 426; **382/166** [IMAGE AVAILABLE]

40. 5,335,293, Aug. 2, 1994, Product inspection method and apparatus; Anthony Vannelli, et al., 382/110; 209/581; 356/408; 382/141, **165** [IMAGE AVAILABLE]

41. 5,335,292, Aug. 2, 1994, Document processing system and method; Kenneth T. Lovelady, et al., **382/163**, 175 [IMAGE AVAILABLE]

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42. 5,310,962, May 10, 1994, Acoustic control apparatus for controlling music information in response to a video signal; Mamoru Kimpara, et al ., 84/600; 348/484; **382/162** [IMAGE AVAILABLE]

43. 5,301,244, Apr. 5, 1994, Computer input scanner incorporating multiple scanning modes; Kenneth A. Parulski, 382/319; 358/453, 512, 538; **382/162** [IMAGE AVAILABLE]

44. 5,224,178, Jun. 29, 1993, Extending dynamic range of stored image database; Thomas E. Madden, et al., **382/166**; 358/426, 466; **382/167**, 274 [IMAGE AVAILABLE]

45. 5,214,718, May 25, 1993, Scan-in polygonal extraction of video images; Ashok M. Khosla, **382/166**; 358/500; 382/241; 386/10 [IMAGE AVAILABLE]

46. 5,181,257, Jan. 19, 1993, Method and apparatus for determining register differences from a multi-color printed image; Gerd Steiner, et al., **382/162**; 101/211, 248, 486; 250/554, 559.3; 382/294 [IMAGE AVAILABLE]

47. 5,179,598, Jan. 12, 1993, Method for identifying and **displaying** particular features of an object; Rocco DiFoggio, et al., 382/109; 250/255; **382/165** [IMAGE AVAILABLE]

48. 5,134,669, Jul. 28, 1992, Image processing system for documentary data; Kenneth M. Keogh, et al., 382/318; 250/271; 283/94, 115; **382/164**, 191 [IMAGE AVAILABLE]

49. 5,134,573, Jul. 28, 1992, Method to extend the linear range of images captured on film; Robert M. Goodwin, 382/141, **167** [IMAGE AVAILABLE]

50. 4,825,390, Apr. 25, 1989, Color palette having repeat color data; Jerry Van Aken, et al., 345/150, 199, 431; 358/518; **382/167** [IMAGE AVAILABLE]

51. 4,812,904, Mar. 14, 1989, Optical color analysis process; Richard B. Maring, et al., 348/135; 358/527; **382/165** [IMAGE AVAILABLE]

52. 4,665,496, May 12, 1987, Process and apparatus for the evaluation

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of
the printing quality of a printed product by an offset printing machine;
Hans Ott, 382/112; 101/335, 365; 250/559.39; **382/167** [IMAGE AVAILABLE]

53. 4,414,635, Nov. 8, 1983, Method and circuit for recognition of colors; Uwe Gast, et al., **382/165**; 250/226; 356/405; 358/515 [IMAGE AVAILABLE]

54. 3,772,465, Nov. 13, 1973, IMAGE MODIFICATION OF MOTION PICTURES; Petro Vlahos, et al., **382/167**; 348/34, 576, 577; 352/38; 355/40 [IMAGE AVAILABLE]

=> S L6 (P) (ATTRIBUTE# OR CHARACTERISTIC#)

79827 ATTRIBUTE#
816264 CHARACTERISTIC#

L17 55141 L6 (P) (ATTRIBUTE# OR CHARACTERISTIC#)

=> S L17 AND 384/162-167/CCLST

438 384/162-167/CCLST (6 TERMS)
(384/162+NEXT5/CCLST)

L18 0 L17 AND 384/162-167/CCLST

=> S L17 (P) RETRIEV?

81820 RETRIEV?
L19 801 L17 (P) RETRIEV?

=> S L19 AND 382/162-167/CCLST

700 382/162-167/CCLST (6 TERMS)
(382/162+NEXT5/CCLST)

L20 18 L19 AND 382/162-167/CCLST

=> D 1-18

1. 5,899,999, May 4, 1999, Iterative convolution filter particularly suited for use in an image classification and retrieval system; Jeremy S.
De Bonet, 707/104; **382/167**, 254; 600/443 [IMAGE AVAILABLE]

2. 5,872,865, Feb. 16, 1999, Method and system for automatic

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classification of video images; James Normile, et al., 382/224, **165*

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[IMAGE AVAILABLE]

3. 5,854,902, Dec. 29, 1998, Video data capture and formatting in intelligent video information management system; Charles Park Wilson, et al., 709/247; 340/541; 348/180, 572; **382/162**, **166**; 709/202 [IMAGE AVAILABLE]

[IMAGE AVAILABLE]

4. 5,852,823, Dec. 22, 1998, Image classification and retrieval system using a query-by-example paradigm; Jeremy S. De Bonet, 707/6; **382/162**, **165**, 181, 279; 707/104 [IMAGE AVAILABLE]

5. 5,835,624, Nov. 10, 1998, Color conversion device; Masashi Ueda, et al., **382/162**; 358/523; **382/167** [IMAGE AVAILABLE]

6. 5,724,442, Mar. 3, 1998, Apparatus for processing input color image data to generate output color image data within an output color reproduction range; Hitoshi Ogatsu, et al., **382/167**; 358/518, 520, 523; **382/162**, **166** [IMAGE AVAILABLE]

7. 5,673,336, Sep. 30, 1997, Automatic cross color elimination; Albert Durr Edgar, et al., **382/167**, 191 [IMAGE AVAILABLE]

8. 5,652,881, Jul. 29, 1997, Still picture search/retrieval method carried out on the basis of color information and system for carrying out the same; Masamitsu Takahashi, et al., 707/104; 358/403; **382/162**, **165**, 181, 305; 707/3, 5 [IMAGE AVAILABLE]

9. 5,644,765, Jul. 1, 1997, **Image** **retrieving** method and apparatus that calculates **characteristic** amounts of data correlated with and identifying an **image**; Norio Shimura, et al., 707/104; **382/162**, **165**, 181, 305; 707/3, 5 [IMAGE AVAILABLE]

10. 5,625,759, Apr. 29, 1997, Real-time video and animation playback process; Kyle G. Freeman, 358/1.15; 348/384; 358/539; **382/166** [IMAGE AVAILABLE]

11. 5,509,086, Apr. 16, 1996, Automatic cross color elimination; Albe

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D. Edgar, et al., **382/167**, 191 [IMAGE AVAILABLE]

12. 5,483,603, Jan. 9, 1996, System and method for automatic optical inspection; Edward P. Luke, et al., 382/147, **162** [IMAGE AVAILABLE]

13. 5,448,652, Sep. 5, 1995, Adaptive display system; Akhileswar G. Vaidyanathan, et al., **382/165**; 348/270; 358/512; 382/295 [IMAGE AVAILABLE]

14. 5,440,652, Aug. 8, 1995, Method and apparatus for preparing color separations based on n-way color relationships; David M. T. Ting, **382/165**; 358/1.9, 515; 382/199, 298 [IMAGE AVAILABLE]

15. 5,375,177, Dec. 20, 1994, Method of identifying and characterizing a valid object by color; Akhileswar G. Vaidyanathan, et al., 382/291, **165**, 204 [IMAGE AVAILABLE]

16. 5,353,132, Oct. 4, 1994, Image processing device; Makoto Katsuma, 358/539, 261.1, 426; **382/166** [IMAGE AVAILABLE]

17. 5,214,718, May 25, 1993, Scan-in polygonal extraction of video images; Ashok M. Khosla, **382/166**; 358/500; 382/241; 386/10 [IMAGE AVAILABLE]

18. 3,760,161, Sep. 18, 1973, METHOD AND APPARATUS FOR AUTOMATICALLY RETRIEVING INFORMATION FROM A SUCCESSION OF LUMINESCENT CODED DOCUMENTS WITH MEANS FOR SEGREGATING DOCUMENTS ACCORDING TO THEIR CHARACTERISTICS; William E. Lohne, et al., 235/462.32, 468, 475, 483; 360/2; 382/101, **165**, 318 [IMAGE AVAILABLE]

=> S INTERNAL

L1 580295 INTERNAL

=> S FILE#

L2 756906 FILE#

=> S (CHARACTERIST? OR ATTRIBUTE# OR FEATURE#)

<-----User Break----->

u

SEARCH ENDED BY USER

08781696

=> S (CHARACTERISTIC# OR ATTRIBUTE# OR FEATURE#)

816264 CHARACTERISTIC#
79827 ATTRIBUTE#
1051026 FEATURE#

SYSTEM LIMITS EXCEEDED - SEARCH ENDED

=> S (CHARACTERISTIC# OR ATTRIBUTE# OR FEATURE#) (P) L2

816264 CHARACTERISTIC#
79827 ATTRIBUTE#
1051026 FEATURE#

L3 25945 (CHARACTERISTIC# OR ATTRIBUTE# OR FEATURE#) (P) L2

=> S L3 (P) L1

L4 911 L3 (P) L1

=> S L4 AND 707/101, 200, 500, 516, 526/CCLST

413 707/101/CCLST
0 707/ 200/CCLST
0 707/ 500/CCLST
0 707/ 516/CCLST
0 707/ 526/CCLST

413 707/101, 200, 500, 516, 526/CCLST
((707/101 OR 707/ 200 OR 707/ 500 OR 707/ 516 OR 707/

526
) /C

CLST)

L5 6 L4 AND 707/101, 200, 500, 516, 526/CCLST

=> D 1-6

1. 5,924,077, Jul. 13, 1999, Computer based system for monitoring and processing data collected at the point of sale of goods and services; David Beach, et al., 705/10, 7, 21; **707/101** [IMAGE AVAILABLE]

2. 5,878,422, Mar. 2, 1999, System for virtually converting data in a field between first and second format by using hook routines; Yehuda Roth, et al., 707/100; 395/701; 707/1, 6, **101**, 102 [IMAGE AVAILABLE]

3. 5,764,977, Jun. 9, 1998, Distributed database architecture and distributed database management system for open network evolution; Mou rad

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Oulid-Aissa, et al., 707/10; 379/220; 707/1, 2, 4, 5, **101**, 102 [IMAGE AVAILABLE]

4. 5,617,568, Apr. 1, 1997, System and method for supporting file attributes on a distributed file system without native support therefor;
Michael B. Ault, et al., **707/101**; 395/712 [IMAGE AVAILABLE]

5. 5,426,780, Jun. 20, 1995, System for dynamic segmentation analysis using conversion of relational data into object-oriented data; Douglas B. Gerull, et al., 707/3; 364/283.4, 974.4, 974.5, DIG.1, DIG.2; **707/101**
[IMAGE AVAILABLE]

6. 4,956,809, Sep. 11, 1990, Method for canonical ordering of binary data for portable operating systems; Johann George, et al., **707/101**;
364/927.92, 927.94, 931.1, 939.2, 951.1, 955, 960, 970, 976, 976.1,
DIG.2; 707/201 [IMAGE AVAILABLE]

=> S L4 AND 348/400/CCLST

L6 82 348/400/CCLST
 0 L4 AND 348/400/CCLST

=> S L4 AND 395/101/CCLST

L7 0 395/101/CCLST
 0 L4 AND 395/101/CCLST

=> S L4 AND 345/118/CCLST

L8 124 345/118/CCLST
 0 L4 AND 345/118/CCLST

=> S L4 AND 382/162-167/CCLST

L9 700 382/162-167/CCLST (6 TERMS)
 (382/162+NEXT5/CCLST)
 0 L4 AND 382/162-167/CCLST

=> S L2 (P) L3

L10 25945 L2 (P) L3

=> S L10 (P) RETRIEV?

08781696

81820 RETRIEV?
L11 1068 L10 (P) RETRIEV?

=> S L11 AND 707/101, 200, 500, 516, 526/CCLST

413 707/101/CCLST
0 707/ 200/CCLST
0 707/ 500/CCLST
0 707/ 516/CCLST
0 707/ 526/CCLST
413 707/101, 200, 500, 516, 526/CCLST
((707/101 OR 707/ 200 OR 707/ 500 OR 707/ 516 OR 707/
526

) /C

CLST)

L12 20 L11 AND 707/101, 200, 500, 516, 526/CCLST

=> D 1-20

1. 5,870,749, Feb. 9, 1999, Automatic translation between CMIP PDUs and custom data structures; Panduranga Rao Adusumilli, **707/101**; 395/705 [IMAGE AVAILABLE]

2. 5,864,870, Jan. 26, 1999, Method for storing/retrieving files of various formats in an object database using a virtual multimedia file system; Randal Lee Guck, 707/104, 100, **101**; 103 [IMAGE AVAILABLE]

3. 5,813,009, Sep. 22, 1998, Computer based records management system method; Judy J. Johnson, et al., 707/100, 9, **101**; 103, 104, 200, 204, 205; 711/100, 170 [IMAGE AVAILABLE]

4. 5,809,507, Sep. 15, 1998, Method and apparatus for storing persistent objects on a distributed object network using a marshaling framework; Ken M. Cavanaugh, III, 707/103, 10, 100, **101**; 709/203 [IMAGE AVAILABLE]

5. 5,799,307, Aug. 25, 1998, Rapid storage and recall of computer storable messages by utilizing the file structure of a computer's native operating system for message database organization; Robert Buitron, 707/100, 1, **101**; 102, 104, 200, 205 [IMAGE AVAILABLE]

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6. 5,761,675, Jun. 2, 1998, Diagnosis and repair of defective long filenames; Henri Isenberg, 707/200, **101** [IMAGE AVAILABLE]
7. 5,752,020, May 12, 1998, Structured document retrieval system; Toshiaki Ando, 707/4, 100, **101**, 513, 517 [IMAGE AVAILABLE]
8. 5,737,736, Apr. 7, 1998, Method and apparatus for storing objects using a c-structure and a bind descriptor; Walter Chang, 707/102; 345/335; 707/4, 100, **101**, 103 [IMAGE AVAILABLE]
9. 5,724,512, Mar. 3, 1998, Methods and apparatus for storage and retrieval of name space information in a distributed computing system; Philip Steven Winterbottom, 709/226; 707/10, **101**, 200; 709/300, 304 [IMAGE AVAILABLE]
10. 5,715,442, Feb. 3, 1998, Data unit group handling apparatus; Eiji Ishida, et al., 707/1; 704/10; 707/100, **101**, 104, 532 [IMAGE AVAILABLE]
11. 5,649,190, Jul. 15, 1997, Multi-model database system for dynamic creation and maintenance of complex objects in a real time environment;
Jamshid Sharif-Askary, et al., **707/101**; 364/274.3, 282.1, 284.4, DIG.1; 707/4; 709/203 [IMAGE AVAILABLE]
12. 5,617,568, Apr. 1, 1997, System and method for supporting file attributes on a distributed file system without native support therefor;
Michael B. Ault, et al., **707/101**; 395/712 [IMAGE AVAILABLE]
13. 5,551,020, Aug. 27, 1996, System for the compacting and logical linking of data blocks in files to optimize available physical storage;
Stephen W. Flax, et al., **707/101**; 364/222.81, 245, 246, 260.7, 283.1, DIG.1; 710/30 [IMAGE AVAILABLE]
14. 5,428,774, Jun. 27, 1995, System of updating an index file of frame sequences so that it indexes non-overlapping motion image frame sequences; Junichi Takahashi, et al., **707/101**; 345/302, 328, 960; 364/282.1, 282.3, DIG.1; 386/68; 707/104 [IMAGE AVAILABLE]
15. 5,421,001, May 30, 1995, Computer method and apparatus for a table driven file interface; Edward G. Methe, 707/1; 364/280.4, DIG.1;

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707/101, 200 [IMAGE AVAILABLE]

16. 5,251,316, Oct. 5, 1993, Method and apparatus for integrating a dynamic lexicon into a full-text information retrieval system; Peter G

Anick, et al., **707/101**; 364/222.81, 222.82, 282.1, 283.1, DIG.1; 707/203 [IMAGE AVAILABLE]

17. 5,058,000, Oct. 15, 1991, System for accessing remote heterogeneous database including formatting retrieved data into applications program format; Landon Cox, et al., 707/10; 364/239.3, 260.1, 260.9, 261.2, 283.1, 939.1, 940, 962, 963.1, 963.2, 963.4, 974, 975.1; **707/101** [IMAGE AVAILABLE]

18. 4,931,984, Jun. 5, 1990, File data retrieving system using retrieval-use-image data; Yoshihide Ny, **707/101**; 364/920.7, 927.2, 927.4, 927.92, 928, 930, 931, 932.62, 951.1, 951.3, 952.1, 963, 964, DIG.2; 382/232; 708/203 [IMAGE AVAILABLE]

19. 4,817,050, Mar. 28, 1989, Database system; Kenichi Komatsu, et al
707/10; 358/403, 426; 364/920.7, 922, 927.1, 935, 935.2, 935.4, 940, 940.61, 940.62, 940.63, 940.64, 952, 952.31, 952.4, 952.6, 953, 954, 958, 962, 964, 964.3, 965, 965.76, 974, 974.1, 974.2, 974.3, 974.7, DIG.2; 382/128, 305; **707/101**, 200 [IMAGE AVAILABLE]

20. 4,774,655, Sep. 27, 1988, System for retrieving information from a plurality of remote databases having at least two different languages; Richard P. Kollin, et al., 707/4; 364/DIG.1; 707/9, **101** [IMAGE

=> S (HEIGHT OR WIDTH OR COMPRESSION OR COLOR)

368471 HEIGHT

567079 WIDTH

268030 COMPRESSION

249812 COLOR

SYSTEM LIMITS EXCEEDED - SEARCH ENDED

=> S (HEIGHT OR WIDTH OR COMPRESSION OR COLOR) (P) L11

368471 HEIGHT

567079 WIDTH

268030 COMPRESSION

249812 COLOR

08781696

L13 82 (HEIGHT OR WIDTH OR COMPRESSION OR COLOR) (P) L11

=> S L11 AND 707/101, 200, 500, 516, 526/CCLST

 413 707/101/CCLST
 0 707/ 200/CCLST
 0 707/ 500/CCLST
 0 707/ 516/CCLST
 0 707/ 526/CCLST
 413 707/101, 200, 500, 516, 526/CCLST
 ((707/101 OR 707/ 200 OR 707/ 500 OR 707/ 516 OR 707/
526
) /C
 CLST)

L14 20 L11 AND 707/101, 200, 500, 516, 526/CCLST

=> S L13 AND 707/101, 200, 500, 516, 526/CCLST

 413 707/101/CCLST
 0 707/ 200/CCLST
 0 707/ 500/CCLST
 0 707/ 516/CCLST
 0 707/ 526/CCLST
 413 707/101, 200, 500, 516, 526/CCLST
 ((707/101 OR 707/ 200 OR 707/ 500 OR 707/ 516 OR 707/
526
) /C
 CLST)

L15 1 L13 AND 707/101, 200, 500, 516, 526/CCLST

=> S L13 AND 382/162-167/CCLST

 700 382/162-167/CCLST (6 TERMS)
 (382/162+NEXT5/CCLST)

L16 0 L13 AND 382/162-167/CCLST

=> D L15 CIT, KWIC

1. 4,817,050, Mar. 28, 1989, Database system; Kenichi Komatsu, et al.
,
707/10; 358/403, 426; 364/920.7, 922, 927.1, 935, 935.2, 935.4, 940,
940.61, 940.62, 940.63, 940.64, 952, 952.31, 952.4, 952.6, 953, 954, 9
58,
962, 964, 964.3, 965, 965.76, 974, 974.1, 974.2, 974.3, 974.7, DIG.2;
382/128, 305; **707/101**, 200 [IMAGE AVAILABLE]

=> S L13 (P) OPERATING SYSTEM#

08781696

775517 OPERATING
1294350 SYSTEM#
25838 OPERATING SYSTEM#
(OPERATING (W) SYSTEM#)
L17 5 L13 (P) OPERATING SYSTEM#

=> D 1-5

1. 5,838,996, Nov. 17, 1998, System for determining presence of hardware decompression, selectively enabling hardware-based and software-based decompression, and conditioning the hardware when hardware decompression is available; Linden A. deCarmo, 710/68, 41, 65 [IMAGE AVAILABLE]
2. 5,734,915, Mar. 31, 1998, Method and apparatus for composing digital medical imagery; Paul H. Roewer, 707/512 [IMAGE AVAILABLE]
3. 5,542,003, Jul. 30, 1996, Method for maximizing fidelity and dynamic range for a region of interest within digitized medical image display; Mark G. Wofford, 382/132; 345/439; 382/298 [IMAGE AVAILABLE]
4. 5,179,627, Jan. 12, 1993, Digital dictation system; Alan F. Sweet, et al., 704/200; 379/75, 88.25 [IMAGE AVAILABLE]
5. 5,163,085, Nov. 10, 1992, Digital dictation system with voice mail capability; Alan F. Sweet, et al., 379/88.19, 75, 88.24 [IMAGE AVAILABLE]

=> S L13 (P) MEMORY

266632 MEMORY
L18 19 L13 (P) MEMORY

=> D 1-19

1. 5,915,250, Jun. 22, 1999, Threshold-based comparison; Ramesh Jain, et al., 707/100, 3, 5, 104 [IMAGE AVAILABLE]
2. 5,913,205, Jun. 15, 1999, Query optimization for visual information

- n
retrieval system; Ramesh Jain, et al., 707/2; 382/305; 707/104 [IMAGE AVAILABLE]
3. 5,911,139, Jun. 8, 1999, Visual image database search engine which allows for different schema; Ramesh Jain, et al., 707/3; 345/345, 346, 348; 707/102, 104 [IMAGE AVAILABLE]
4. 5,893,095, Apr. 6, 1999, Similarity engine for content-based retrieval of images; Ramesh Jain, et al., 707/6; 345/346; 382/141, 305 ;
707/3, 4 [IMAGE AVAILABLE]
5. 5,864,632, Jan. 26, 1999, Map editing device for assisting updating of a three-dimensional digital map; Yukio Ogawa, et al., 382/113, 294 [IMAGE AVAILABLE]
6. 5,838,967, Nov. 17, 1998, Image filing apparatus and method for storing image data and directory information; Tetsuhisa Okayama, et al ., 707/200, 1, 104 [IMAGE AVAILABLE]
7. 5,740,335, Apr. 14, 1998, Method and device for transmitting and processing print data used for printer; Toshihiro Takayanagi, et al., 358/1.9, 1.15 [IMAGE AVAILABLE]
8. 5,734,915, Mar. 31, 1998, Method and apparatus for composing digital medical imagery; Paul H. Roewer, 707/512 [IMAGE AVAILABLE]
9. 5,662,044, Sep. 2, 1997, Offset printing method; Gerhard Loffler, et al., 101/492, 142, 211, 365 [IMAGE AVAILABLE]
10. 5,561,421, Oct. 1, 1996, Access method data compression with system-built generic dictionaries; Brian J. Smith, et al., 341/51, 106 [IMAGE AVAILABLE]
11. 5,542,003, Jul. 30, 1996, Method for maximizing fidelity and dynamic range for a region of interest within digitized medical image display; Mark G. Wofford, 382/132; 345/439; 382/298 [IMAGE AVAILABLE]
12. 5,495,266, Feb. 27, 1996, Still picture display apparatus and external storage device used therein; Masahiro Otake, et al., 345/123, 192 [IMAGE AVAILABLE]

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13. 5,388,167, Feb. 7, 1995, Document image processing system and document image processing method; Masashi Koga, et al., 382/232; 358/461;
382/274 [IMAGE AVAILABLE]

14. 5,337,069, Aug. 9, 1994, Still picture display apparatus and external storage device used therein; Masahiro Otake, et al., 345/123, 192 [IMAGE AVAILABLE]

15. 5,335,084, Aug. 2, 1994, Document image filing system having input color mode selecting capability; Narihiro Munemasa, et al., 358/403 [IMAGE AVAILABLE]

16. 5,198,990, Mar. 30, 1993, Coordinate measurement and inspection methods and apparatus; Farshad Farzan, et al., 702/168; 700/195 [IMAGE AVAILABLE]

17. 4,999,790, Mar. 12, 1991, Information filing apparatus; Takashi Murayama, et al., 707/3; 345/168, 203 [IMAGE AVAILABLE]

18. 4,847,788, Jul. 11, 1989, Graphic data processing method and system; Shigeru Shimada, 345/435, 438 [IMAGE AVAILABLE]

19. 4,817,050, Mar. 28, 1989, Database system; Kenichi Komatsu, et al
707/10; 358/403, 426; 364/920.7, 922, 927.1, 935, 935.2, 935.4, 940,
940.61, 940.62, 940.63, 940.64, 952, 952.31, 952.4, 952.6, 953, 954, 9
58,
962, 964, 964.3, 965, 965.76, 974, 974.1, 974.2, 974.3, 974.7, DIG.2;
382/128, 305; 707/101, 200 [IMAGE AVAILABLE]

=> S FILE#

L1 758463 FILE#

=> S APPLICATION#

SYSTEM LIMITS EXCEEDED - SEARCH ENDED

=> S L1 (P) OPEN?

1280989 OPEN?

L2 26556 L1 (P) OPEN?

=> S L2 (P) WITHOUT

08781696

L3 1754024 WITHOUT
 2031 L2 (P) WITHOUT

=> S L1 (4A) OPEN? (4A) WITHOUT

L4 1280989 OPEN?
 1754024 WITHOUT
 69 L1 (4A) OPEN? (4A) WITHOUT

=> S L3 (P) (CHARACTERISTIC# OR FEATURE# OR ATTRIBUTE#)

L5 817735 CHARACTERISTIC#
 1052858 FEATURE#
 80051 ATTRIBUTE#
 245 L3 (P) (CHARACTERISTIC# OR FEATURE# OR ATTRIBUTE#)

=> S L4 (P) (CHARACTERISTIC# OR FEATURE# OR ATTRIBUTE#)

L6 817735 CHARACTERISTIC#
 1052858 FEATURE#
 80051 ATTRIBUTE#
 12 L4 (P) (CHARACTERISTIC# OR FEATURE# OR ATTRIBUTE#)

=> D 1-12

1. 5,956,481, Sep. 21, 1999, Method and apparatus for protecting data files on a computer from virus infection; James E. Walsh, et al., 713/200

[IMAGE AVAILABLE]

2. 5,806,073, Sep. 8, 1998, Method for the comparison of computer files;

Alain Nicolas Piaton, 707/200 [IMAGE AVAILABLE]

3. 5,799,307, Aug. 25, 1998, Rapid storage and recall of computer storable messages by utilizing the file structure of a computer's native

operating system for message database organization; Robert Buitron, 707/100, 1, 101, 102, 104, 200, 205 [IMAGE AVAILABLE]

4. 5,715,474, Feb. 3, 1998, Simultaneous control of radio frequency modem in a multi-tasking system using a single session manager program with separate command queue for each application program; Christopher John Burke, et al., 710/6; 709/302; 710/21 [IMAGE AVAILABLE]

5. 5,701,465, Dec. 23, 1997, Method and apparatus for reserving system

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resources to assure quality of service; Mark John Baugher, et al., 707/10; 370/231, 468; 707/200, 205; 709/229 [IMAGE AVAILABLE]

6. 5,603,003, Feb. 11, 1997, High speed file access control method and computer system including a plurality of storage subsystems connected on a bus; Mitsuru Akizawa, et al., 711/114; 710/1, 100; 711/113 [IMAGE AVAILABLE]

7. 5,581,703, Dec. 3, 1996, Method and apparatus for reserving system resources to assure quality of service; Mark J. Baugher, et al., 709/225; 710/200 [IMAGE AVAILABLE]

8. 5,412,776, May 2, 1995, Method of generating a hierarchical window list in a graphical user interface; Marc A. Bloomfield, et al., 345/346, 353, 356; 364/DIG.2 [IMAGE AVAILABLE]

9. 5,384,911, Jan. 24, 1995, Method of transferring programs from action oriented GUI paradigm to object oriented GUI paradigm; Marc A. Bloomfield, 345/333, 348 [IMAGE AVAILABLE]

10. 5,345,550, Sep. 6, 1994, User-modifiable popup menus for object-oriented behavior; Marc A. Bloomfield, 345/353, 335, 347, 356 [IMAGE AVAILABLE]

11. 5,327,558, Jul. 5, 1994, Method for asynchronous application communication; Christopher J. Burke, et al., 710/8; 364/238.5, 270.7, 284.3, DIG.1; 709/301 [IMAGE AVAILABLE]

12. 4,979,106, Dec. 18, 1990, Customization of a system control program in response to initialization of a computer system; Frederick W. Schneider, 713/1; 364/236.3, 236.4, 238, 241.9, 255.1, 255.7, 280, 280.2, DIG.1; 713/100 [IMAGE AVAILABLE]

=> S 'FILE' MANAGER (P) PREVIEW? (P) IMAGE#

51975 'FILE'
11525 MANAGER
346 'FILE' MANAGER
('FILE' (W) MANAGER)
2373 PREVIEW?

08781696

313117 IMAGE#

L1 0 'FILE' MANAGER (P) PREVIEW? (P) IMAGE#

=> S 'FILE' MANAGER (P) PREVIEW (P) IMAGE

47515 'FILE'
10098 MANAGER
300 'FILE' MANAGER
(FILE'(W)MANAGER)
1777 PREVIEW
275071 IMAGE
L2 0 'FILE' MANAGER (P) PREVIEW (P) IMAGE

=> S 'FILE' (P) PREVIEW (P) OBJECT LIKING AND EMBEDDING

47515 'FILE'
1777 PREVIEW
1409848 OBJECT
660 LIKING
0 OBJECT LIKING
(OBJECT(W)LIKING)
0 'FILE' (P) PREVIEW (P) OBJECT LIKING
16471 EMBEDDING
L3 0 'FILE' (P) PREVIEW (P) OBJECT LIKING AND EMBEDDING

=> S OLE

L4 735 OLE

=> S L4 (P) 'FILE' MANAGER

47515 'FILE'
10098 MANAGER
300 'FILE' MANAGER
(FILE'(W)MANAGER)

> S DISPLAY (P) 'FILE' (P) CHARACTER?

239771 DISPLAY
47515 'FILE'
1182023 CHARACTER?
L1 1291 DISPLAY (P) 'FILE' (P) CHARACTER?

=> S DISPLAY (4A) 'FILE' (P) CHARACTER?

239771 DISPLAY
47515 'FILE'
1182023 CHARACTER?

=> S DISPLAY (A) 'FILE' (A) PROPERT###

239771 DISPLAY
47515 'FILE'
593893 PROPERT###
L3 0 DISPLAY (A) 'FILE' (A) PROPERT###

=> S 'FILE' (P) PROPERT?

47515 'FILE'
593972 PROPERTY?
L4 1209 'FILE' (P) PROPERTY?

> S IMAGE (P) PREVIEW? (P) APPARATUS

275071 IMAGE
2164 PREVIEW?
895881 APPARATUS
L1 106 IMAGE (P) PREVIEW? (P) APPARATUS

=> FOCUS

PROCESSING COMPLETED FOR L1
L2 106 FOCUS L1 1-

=> S THUMBNAIL# (P) IMAGE

472 THUMBNAIL#
275071 IMAGE
L3 76 THUMBNAIL# (P) IMAGE

=> FOCUS

PROCESSING COMPLETED FOR L3
L4 76 FOCUS L3 1-

=> S IMAGE# (P) PREVIEW?

297302 IMAGE#
2164 PREVIEW?
L5 595 IMAGE# (P) PREVIEW?

=> s (height or length or width) (p) 'FILE'

355569 HEIGHT
1000060 LENGTH
546811 WIDTH
47515 'FILE'
L1 7024 (HEIGHT OR LENGTH OR WIDTH) (P) 'FILE'

=> FOCUS

7024 ANSWERS REQUESTED EXCEEDS MAXIMUM ALLOWED OF 5000

> S (LENGTH OR WIDTH) (P) IMAGE

1000060 LENGTH
546811 WIDTH
275071 IMAGE
L2 56111 (LENGTH OR WIDTH) (P) IMAGE

=> FOCUS

56111 ANSWERS REQUESTED EXCEEDS MAXIMUM ALLOWED OF 5000

=> FOCUS 1-4000

PROCESSING COMPLETED FOR L2
L3 4000 FOCUS L2 1-4000

=> S (HEIGHT OR LENGTH) (A) IMAGE

355569 HEIGHT
1000060 LENGTH
275071 IMAGE
L4 1587 (HEIGHT OR LENGTH) (A) IMAGE

=> FOCUS

PROCESSING COMPLETED FOR L4
L5 1587 FOCUS L4 1-

=> S VIEW (A) IMAGE (p) HEIGHT

1687332 VIEW
275071 IMAGE
355569 HEIGHT
L6 17 VIEW (A) IMAGE (P) HEIGHT